AT-SEA
Natural Bird
Sightings

RECORD

7530-222-3525
FEDERAL SUPPLY SERVICE
(GPO)

Date	Sunrise	Sunset	Species	time	#	remarks
1 Aug	—	1913	? Wedge-tail	1915	1	
			Wedge-tail	1917	1	
			?Bonin Pet.	1922	1	
			? Tropicbird	2200	1	
			Terns	~~2300~~ 2317	3	
2 Aug	0617	1922	? Bulwer Pet.	0550	1	
			wedge-tail	0559	2	
			" "	0605	2	
			" "	0606	2	
			" "	0609	3	
			? Bonin Pet.	0611	1	
			wedge-tail	0615	2	
			Terns	2006		heard
			?Sooty Tern	2010		
			Terns	2045		
			Tern	2102		heard
			"	2248		"
3 Aug	0627	1925	wedge-tail	1930	2	
			Sooty Tern	2017	several	
			?Wedge-tail	2145		
			bird	2150		Skee-Skee call
			? wedge-tail	2154		
			Sooty Tern	2333		calling
4 Aug	0658	2000	Sooty tern	0005	2	calling circling 5 min on tail
			" "	0105		calling circling 5 min
			" "	0210		" " "
			" "	0250	2	" " 10 min.
			w-Tail ?Tropicbird	0611		heard
			Sooty tern	0649	3	SE 100'
			" "	0653	7-8	E 10'

Date	Sunrise	Sunset	Species	time	#	remarks
4 Aug	0658	1945 ~~2000~~	Sooty tern	2044		
			R-T Tropicbird	2044-2100	2	
			Tropicbird sp.	2103	1	fw.
			? Tern or Tropic	2108		
			Tern	2120	4 or 5	
			birds	2134	ca. 2	
			wedge-tail	2137	1	
			" "	2140	2	
			" "	2143	2	same as above?
			R-T tropic ?	2147		heard
			wedge-tail	2147	1	
			? Tropicbird	2154		heard
			? wedge-tail	2158		
			Tern ?	2159 ~~2200+~~		
			" ?	2201	2	
			" ?	2205		
			" ?	2210		
			" ?	2213	2	
			wedge-tail	2215	2	
			Tern ?	2220		
			" ?	2227		
			wedge-tail	2229	1	
			" "	2254	3	
			Bonin Pet !	2231	1	
			sooty Tern	2244	15±	
			" "	2255	all around	
			? wedge-tail	2257		
			wedge-tail	2300	3	
			Sooty terns	2303	5+	groups constantly passing overhead

Short Species
became Scarce
Scotty Shoals

Passed Johnston Atoll
at ca 0130 on 6 Aug.

Full moon on 6 Aug.

many feeding
mad on 3rd & flying
fish - Wedge tail
flying in order

Date	Sunrise	Sunset	Species	time	#	remarks
4 Aug	0658	1945	Sooty Terns	2320		still around ship
			Wedge-tail	2322	4	
			Sooty Terns	"		still around
			Wedge-tail	2326	8	
			Sooty Terns	"		still milling about
			Wedge-tail	2335	10+	in vicinity of both ships still around
			Sooty Terns	"		impossible to keep track
			Wedge-tail			of all the birds
			Sooty Terns	2346		
5 Aug	0700	1944	Sooty Terns	0601	1	heard
			Wedge-tail	0620		
			? Sooty Terns	0634		
			? Bonin Pet	1449		
			Wedge-tail	2005	1	
			" "	2016	1	
			" "	2020	1	
			" "	2024	1	
			Sooty Terns	2105	1	calling
			? Bonin Pet.	2157	1	
6 Aug.	0708	2000	Sooty Terns	0054	1	
			Terns	0312	1	
			Wedge-tail	0441	1	
			Sooty Terns	0555	1	40'
			Bonin Petrel	2007	1	
			Sooty Terns	2317	102	heard
7 Aug	0630	2016	? Sooty Terns	2033		
			Bird	2115	1	
			? Storm Petrel	2121	1	
			Terns ?	2150	3	
			"	2205		
			"	2206	2	

Date	Sunrise	Sunset	Species	time	#	remarks
7 Aug	0630	2016	Tern	2318	1	
			Sooty Tern	2337	5	
			? Sooty Tern	2345	3	
8 Aug	0635	2015	? Brown Pet	0006	1	
			? Sooty Tern	0011	2	SE
			? " "	0024	1	"
			" " "	0042	1	"
			? Brown Petrel	0118	1	
			" " "	0135	1	
			? Sooty Tern	0138		SE
			wedge-tail	0147	1	
			Gulls	0205	3	
			wedge-tail	0233	1	SE
			? " "	0240	1	
			? Tropicalbird	0251	1	
			Sooty Tern	0308	1	
			" "	0515	1	
			" "	0612	2	
			" "	2148	1	heard
			tropicbird	2200	1	
			Sooty Tern	2241	1	heard
			" "	2345	3	
9 Aug.	0641	2023	" "	0015	1	~ a → SE
			" "	0144	1	
			tropicbird	0210	1	
			? bird	0545	1	
			" "	0610	1	
			" "	0615	1	
			Tropicbird	2127	1	

mike frewen on watch

Date	Sunrise	Sunset	Species	Time	#	remarks
10 Aug	0631	2024	tropicbird?	0200	1	
			Sooty Tern	0322	1	N
			" "	0334	1	"
			" "	0350	2	"
			" "	0402	1	NE
			" "	0435	1	W
			? " "	0440	1	NW
			? " "	0455	1	SE
			" "	0520	1	W
			? " "	0527	1	SW
			? " "	0529	1	
			? " "	0530	1	
			" "	0531	1	
			" "	0537	1	
			white tail	0545	1	
			Sooty Tern	0614	1	E
			" "	2042	1	NE
			" "	2114	1	
			tropicbird	2110	1	
			"	2130	1	[illegible] 2.
			"	2307	1	Same bird at 2315 ?
			Sooty Tern	2355	2	SE
11 Aug.	0642	2025	" "	0017	2	
			Petrel ?	0102	1	
			? Sooty Tern	0210	1	
			tropicbirds	0315	2	
			"	0340	1	
			white tail	0440	1	NW
			Tropicbird	0455	1	

Date	Sunrise	Sunset	Species	Time	#	Remarks
12 Aug	0631	2020	wedge-tail	0023	1	mike trawl on water
			? " "	0050	1	
			? Bonin Pet	0115	1	
			" " "	0124	1	
			Gull	0145	1	
			? Bonin Pet	0215	1	
			" " "	0235	1	
			Sooty Tern	0435	1	S W
			wedge-tail	0542	1	
*7 Sept	0543		birds	0000 on		noted by crew members
8 Sept.	0557	1926	Terns	0024	3	20 minutes of observation
			"	0027	2	
			"	0031	1	
			"	0031	2	birds flying around ship
			"	1918	1	land
			"	1926	1	"
12 Sept.	0610	1830	Sooty Tern	0510	2+	
14 Sept.	0612	1930	Tern	1915	1	land
16 Sept.	0621	1829	Sooty Tern	0542	1	"
18 Sept	0554	1759	Golden Plover	1814	1	
3 Oct.	0647	1853	Sooty Tern	0610	11	
4 Oct.	0710	1904	Flock - not feeding	1911		15+ Sooty Tern; 20+ wedge-tail 2 frigate birds
			wedge-tail	1925	1	
			" "	1928	2	
			" "	1929	2	
			" "	1931	1	
			" "	1932	1	
			" "	1932	1	
			" "			

Date	Sunrise	Sunset	Species	time	#	Remarks
7 Oct.	0708	1905	? Plovers	1950	2	cumis; Au + Oyama
10 Oct	0719	1923	bird	2100		reported by crew
↓	↓	↓	"	2230		
2 Nov.	0637	1716	Red-footed Booby	0613	1	collected roosting ornament
6 Nov.	0619	1748	Tern	0507	1	head
			Sheen-Petrel	1804	1	NW
			tropicbird	1815	1	SE
			Terns	2059	2	WNW
			"	2131	1	"
7 Nov.	0617	1749	bird	0010	1	
			"	0015	1	
			Sheen-Pet.	0028	1	
			" "	0032	1	ost SSW flew across flight path made by moon light
			" "	0040	1	
			" "	0042	1	
			" "	0046	1	
			bird	0051	1	
			Sheen-Pet	0102	1	SSW
			" "	0105	1	
			Pterodroma	0108	1	SSW
			bird	0214	1	
			Tern	0230	1	
			Sheen-Pet	0234	1	
			Tern	0325	1	
			"	0405	1	
			tropicbird	0606	1	NE
			Pterodroma	0608	1	SW
			"	0610	1	"
			Sooty (Sheen white cheeked	0615	1	SE
				"	1	"

Date	sunrise	sunset	Species	time	#	remarks
7 Nov.	0617	1749	Short-Tail	1819	1	
			" "	1821	1	NW
			Tropicbird	2351	1	calling
8 Nov.	0622	1802	Tern	0021	2	calling
			"	1905	1	
			tropicbird	1909	1	
			"	1914	1	NW
10 Nov.	0627	1815	Tern	0243	1	observation began 0200 NW
			tropicbird	0453	1	
			Tern	0535	3+	
			Tropicbird	0545	1	
			Golden Plover	1940	1	heard
			tropicbird	2130	1	
			Golden Plover	2150	1	
			tropicbird	2230	1	ran into ship
			"	2245	1	
			Golden Plover	2311	1	
11 Nov.	0634	1807	tropicbird	0002	1	
			Golden Plover	0041	1	
			bird	0333	1	
5 Dec	0715	1829	Sooty Tern & Japanese white eyes	0647 apparently came aboard yesterday & stayed all night	1	heard
					2	collected
6 Dec.	0744	1844	Bonin Isl. Pet.	0727	2	one
			Short-Tail	"	1	"
			Hardwicke's Storm Pet	"	1	"
4 Jan.	0706	1835	Sooty Tern	0622	2	calling
5 Jan	0721		Birds	?	2	flying around ship last night
6 Jan.	0721		Booby	1810	1	Trying to land on ship just as it was getting dark
8 Jan	0642		Sooty Tern	0543	1	calling.

Date	Sunrise	Sunset	Species	Time	#	Remarks
9 Jan	0648	1903	Sooty Tern	0545	1	NE calling
10 Jan	0658	0812	masked Booby	1837	1	ad flew around ship
12 Jan	0652	1816	Booby	1836	3	
~~4 Feb~~ ↓	~~0620~~ ↓	↓	"	1842	1	attempted to land on ship.
4 Feb	0620	1745	Red footed Booby	0505	1	Roosted on ship
5 Feb	0627	1758	" " "	0315 TO 1430	1	Roosted on ship
↓	↓	↓	" " "	1815	1	
7 Feb	0645	1815	" " "	1835	2	
↓	↓	↓	Pterodroma	1841	1	
12 Feb.	0650	1820	Sooty tern	heard steadily through 2045 and again at 2305 (ca 10+ birds) around buried at 0330 and 0400		
13 Feb			birds			
4 March			Red-tailed Tropic	1845	1	20'
8 March	ca 0630+		Sooty Tern	2150	flock	
↓	↓	↓	" "	2214	ca.10+	individual birds heard between these times
↓	↓	↓	" "	2245	ca10+	
9 March	0641	1859	birds	0330	1+	calling heard all evening
11 March	0627+	1830	Sooty tern	→	+	
12 March		1840	" "	→	+	heard until at least 0300
2 April	—	ca 1900	Red-footed Booby	2030 to 2100	1	
12 April	0630		tropicbird	ca 2330	1	flew around ship
8 May		1957	Sooty tern	2030	10 2	NE
↓	↓	↓	" "	2037	1	heard faintly constantly through 2345
↓	↓	↓	" "	2250	1	
↓	↓	↓	" "	2335	5	
↓	↓	↓	" "	2347	2	
9 May		ca. 1840 1852	" "	0020	1	
↓	↓	↓	? Shorebird	0025	1	
↓	↓	↓	Sooty Tern	0030	2	
↓	↓	↓	" "	0050	3 or 4	
			" "	0051	1	

Date	Sunrise	Sunset	Species	time	#	Remarks
9 may		ca. 1840	Sooty tern	0130	4±1	
			" "	0145	several	calling every few minutes
			" "	0215		nearly every 5 minutes
			" "	0220	20-30	stream passing continuously last 5 min → NE
			" "	0245	→	still streaming by ca 150-200 in last ½ hr.
			" "	0300	few	SE to E
			" "	0310	3	in last 10 min
			" "	0325		only on receding pair
			" "	0400	1 or 2	none at 0430
			Tern	0440	2+	
			tropicbird	0445	2	calling
			"	0610	2	"
			Sooty tern	0622	2+	calling
			Red-bill Tropic	0641	1	
			no birds	during evening watch		we were heading into wind & pitching there was a heavy swell
10 may	ca 0625	ca. 1940	Sooty terns	2025	2+	heard
			" "	2034	1	irregularly around ship all night
			" "	2113		
			" "	2118	1	
			" "	2125	1+	heavily NE mostly
			" "	2145	3+	
			" "	~205	5+	
			tropicbird	2232	1	at sun
			Sooty terns	2345	2+	
			" "	2355		calls with increasing frequency
11 may	0700	1950	" "	0010	2+	
			" "	0044	2	
			" "	0048	1	
			" "	0050	1	NE

Date	Sunrise	Sunset	Species	time	#	Remarks
11 May	0700	1950	Sooty Tern	0147	1	
			" "	0215	2	
			" "	0235	1	
			" "	0240	1	
			" "	0406	1	
			Bridled	0415	1	
			Sooty Tern	0442	1	
			" "	2240	3+	
12 May	0657	1949	" "	0040	1+	
			" "	1117	2+	
			" "	0123	3+	
			" "	0125	3+	
			" "	0128	1?	
			" "	0140	2+	
			" "	0213	5+	
			" "	0235	1+	
			" "	0240	2+	
			" "	0415	3+	most active around 2215-2225
			" "	0425	4+	
			" "	0443	2	
			" "	0610	2	
			Bridled	0627	2	
			Sooty Tern	0634	1	
			" "	2043	2	
			" "	2050	1	
			" "	2125	1	
			" "	2145	1	
			" "	2151	1	
			" "	2205	1	
			" "	2206	1	

Date	Sunrise	Sunset	Species	time	#	Remarks.
12 may	0657	1940	Sooty tern	2211		
			" "	2215	5+	
			" "	2234	2	
			" "	2235	1	
			" "	2242	1	
			" "	2245	2	
			" "	2335	10+	
13 may	0658		" "	0000-0015	6+	
			" "	0335	5+	
			" "	0341	2+	
			" "	0355	4+	
			" "	0405	1	
14 may	0645	1943	" "	0222	2+	
			" "	0415	2+	
			" "	0642	1	
			" "	2038	2	
			" "	2121	1	
			" "	2206	2	
			" "	2302	2	
			" "	2400	1	
15 may		1945	" "	0003	2	E
			Bird	0021	1	N
			Sooty Tern	0035	2+	E
			" "	0130	1	
			" "	0210	4	
			" "	0230	2+	
			" "	0320	4+	
			" "	0335	2+	
			" "	0432	2	
			" "	0447	1	

Date	Sunrise	Sunset	Species	time	#	Remarks
7 June	0520	1841	Red-tail tropic	1845	1	NNE
↓	↓	↓	" " "	1900	1	
8 June	0538	1848	Shearwater	2130	1	WNW
↓	↓	↓	Gull	2202	1	NW
↓	↓	↓	"	2214	1	"
9 June	0549	1848	"	0016	1	WNW
↓	↓	↓	Bonin Sol Wedge-tail	0400 – 0600 0523	1 1	collected. SSW
↓	↓	↓	" "	0533	1	NNW
↓	↓	↓	Shear-Put	1905	1	SW or SE
↓	↓	↓	? Tern	1913	1	
10 June	0549	2048	Gull	0550		
↓	↓	↓	~~Shear-Put~~	~~2008~~	~~1~~	SW
↓	↓	↓	Pterodroma	2158	1	NW
11 June	0548	1855	Tern	0407	1	
↓	↓	↓	Pterodroma	0536	1	S
↓	↓	↓	Sooty Tern	0544	1	E
12 June	0603	1859	Gull	0135	1	SW
↓	↓	↓	Tropicbird	0155	1	NW
↓	↓	↓	Pterodroma	1910	1	
↓	↓	↓	Gull	2000	1	
13 June	0545	1902	Sooty Tern	0518	1	N
↓	↓	↓	"	0525	1	SW
↓	↓	↓	Gull	2057	2	
↓	↓	↓	"	2100	1	
↓	↓	↓	"	2112	1	
↓	↓	↓	Sooty Tern	2135	2	
14 June	0604	1906	? Tern	0001	1	
↓	↓	↓	Sooty Tern	0015	1	
↓	↓	↓	" "	0150	1	

Date	Sunrise	Sunset	Species	Time	#	Remark
14 June	0604	1906	Gadfly	2015	1	
↓	↓	↓	Sheen-Petrel	2145	1	
15 June	0553	1901	Gadfly	0035	1	SW
↓	↓	↓	Bonin Is. Pet	0330	1	collected
			Sooty Tern	0545	1	
			" "	2137	1	heard
16 June	0540	1857	wedge-tail	1900		
↓	↓	↓	Gadfly	1956	1	
			Pterodroma	2040	1	came to light
17 June	0524	1851	Sooty Tern	1902	3	
↓	↓	↓	" "	1908	3	
			" "	2005	1+	
			" "	2025	2	
			Gadfly	2054	1	S
			"	2058	1	N
			"	2245	1	SW
			? Tern	2310	1	E
18 June	0512	1837	Bulwer Pet	1850	1	E
↓	↓	↓	Red-foot Booby	1855	1	NNE
			Frigate	1900	1	E
			"	1901	1	"
			Newells Sh.	1902	1	"
			Masked Booby	1929	1	E
			? Sooty Tern	1930		Calling
			? " "	1931		"
			Newells Sh.	1934	1	E
			" "	1944	1	"
			" "	1953	1	"
			Gadfly	1953	1	W
			"	1955	1	

Date	Sunrise	Sunset	Species	time	#	Remark
14 June	0604	1906	Gull	2015	1	
↓	↓	↓	Sheer-Petrl	2145	1	
15 June	0553	1901	Gull	0035	1	SW
			Bonin Sh. Pet	0330	1	collected
			Sooty Tern	0545	1	
			" "	2137	1	heard
16 June	0540	1857	wedge-tail	1900		
			Gull	1956	1	
			Ptarodroma	2040	1	came to light
17 June	0524	1851	Sooty Tern	1902	3	
			" "	1908	3	
			" "	2005	14	
			" "	2025	2	
			Gull	2054	1	S
			"	2058	1	N
			"	2245	1	SW
			? Tern	2310	1	E
18 June	0512	1837	Bulwer Pet	1850	1	E
			Red-foot Booby	1855	1	NNE
			Frigate	1900	1	E
			"	1901	1	"
			Newells Sh.	1902	1	"
			Masked Booby	1929	1	E
			? Sooty Tern	1930		Calling
			? " "	1931		"
			Newells Sh.	1934	1	E
			" "	1944	1	"
			" "	1953	1	"
			Gull	1953	1	W
			"	1955	1	

Date	sunrise	sunset	Species	time	#	Remarks
18 June	0512	1837	Newells Sh.	2000	1	W
			bird	2007	1	
			"	2010	1	E
			"	2020	1	"
			"	2030	1	"
			Newells Sh.	2032	1	"
			Sooty Tern	2043	1	calling
			bird	2044	1	E
			"	2103	1	
			"	2110	1	S
			Newells Sh.	2112	1	E
			bird	2134	1	E
			Sooty Tern	2136	1	NE
			Newells Sh.	2138	1	E
			Sooty Tern	2142	1	N
			Newells Sh	2141	1	E
			"	2145	1	"
			"	2148	1	"
			"	2150	1	SW
			"	2159	2	E
			"	2202	1	E
			bird	2210	1	E
			Newells Sh.	2211	1	N
			Bird	2218	1	W
			Newells Sh.	2220	1	E
			bird	2226	1	N
			Newells Sh.	2230	2	E
			"	2240	1	E
			bird	2244	1	N

Date	Sunrise	Sunset	Species	time	#	Remarks
18 June	0512	1837	Newells	2247	1	E
			"	2250	1	NE
			"	2250	1	NE
			"	2253	1	NNE
			"	2300	1	E
			"	2313	2	E
			"	2315	1	E
			"	2317	1	
			"	2327	1	E
			"	2329	1	"
			"	2326	1	"
			"	2340	1	"
			"	2342	1	"
			"	2400	1	"
1 July	—	1923	Wedge-tail	1930	1	
			Red-foot Booby	1950	1	
			Wedge-tail	1955	1	
			" "	1959	1	
			" "	1942	1	
			" "	1947	1	
4 July	0550	1844	Sooty tern	0535	4	E
			Brown Petrel	1856	1	NNW
			" "	1859	1	SSE
			bird	2055	1	"
5 July	0601	~~1900~~ 1853	"	0050	1	NE
		~~2013~~	Red-tail Tropic	2018	1	
			bird	0023	1	
			"	2055	1	
			? Tropicbird	2105	2	

Date	Sunrise	Sunset	Species	time	#	Remarks
5 July	0601	1900	? tropicbird	2115	1	
			"	2135	1	
			"	2230	1	
			"	2250	1	
			Shear-Pet	2309	1	
			? tropicbird	2325	1	
			bird	2341	1	
			Newells Shear.	2345	1	flew to mast collected
6 July	0615	1901	" "	0040	1	
			Mg-bird? Tern	0045	2+	call.
			Red-tail tropic	0116	1	on wake
			Tropicbird	0122	1	
			Shear-Pet bird	0323	1	
			bird	0415	1	
			tropicbird	0437	1	
			Bird	0515	1	
			"	0517	1	
			Tern	0520	1	calling
			bird	1947	1	NE
			Shear-Pet	2205	1	E
			bird	2253	1	S
			"	2356	1	S
7 July	0615	1845	Shear-Pet	0125	1	
			"	0130	1	
			"	0150	1	
			Red-tail tropic	0400	1	
			Shear-Pet.	0412	1	
			Newells Shearwater	1940-1950-2020-2030 2120-2200 2215-2243 2335-2347 2400		one at a time flying alongside in same direction as ship

Date	Sunrise	Sunset	Species	time	#	Remarks
8 July		1850	Harrell Shearwater	0013 - 0025 0035 - 0100 0130 - 0307 0420 - 0520		Ess Breeding
			Wedge-tail	1900	3	
			Sheer-Pet	1912	1	
			Terns	1920	2	
9 July			Gannet	0001	1	
			"	0050	2	
			"	0155	1	
			Sooty Tern	0210	2	calling
			Gannet	0233	1	
			"	0253	1	
			"	0330	1	
10 July	0535	1900	tropicbird	0129	2	
			"	0330	1	
			Gannet	0355	1	
			Sheer-Pet	0358	1	
			tropicbird	2037	1	
			"	2127	1	
			Gannet	2210	1	
			"	2250	1	
11 July	0603	1900	"	0048	1	
			Sheer-Pet	0513	1	
			Gannet	2023	1	
			Red-tail Tropic	2038	1	on water
			Gannet	2046	1	
			tropicbird	2050	1	
			Gannet	2050	1	
			tropicbird	2053	1	
			Sooty Tern	2057	1	

Date	Sunrise	Sunset	Species	Time	#	Remarks
11 July	0603	1900	Sooty Tern	2105	1	
			" "	2123	1	
			? tropicbird	2135	1	
			Sooty Tern	2140	1	
			Red-tail Tropic	2158	1	on water
			Sooty Tern	2159	1	calling
			bird	2345	1	
12 July	0610	1905	"	0052	1	
			Bonin Is. Petrel	0057	1	flew into ship collected
			bird	0112	1	
			Pterodroma	0128	6	probably on H_2O
			"	0132	3	some as above ?
			"	0137	1	" ?
			"	0139	1	
			tropicbird	0210	1	
			bird	0232	1	
			"	0238	1	
			Red-tail tropic	0301	1	flew on board collected
			Pterodroma	0411	1	
			Bonin Is. Pet	0425	1	
			Tropicbird	0505	1	
			bird	2005	1	
			Sooty Tern	2018	1	calling
			bird	2055	1	
			"	2137	1	
13 July	0610	1907	Pterodroma	0030	1	on H_2O ?
			bird	0220	1	
			"	0430	1	
14 July 15 July	0550	1900	} birds reported all night			